

INTERNATIONAL SEARCH REPORT

International Application No

PT/DK2004/000743

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F17D3/10 F16K1/44 G01N1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F17D F16K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 57 306 A (TUCHENHAGEN GMBH) 21 December 2000 (2000-12-21) column 7, line 26 – column 8, line 60; figures 1,2 -----	1-6
X	US 6 056 003 A (MADSEN KARSTEN SCHACK ET AL) 2 May 2000 (2000-05-02)	1-3
A	column 4, line 61 – column 8, line 58; figures -----	4,5
A	EP 1 169 590 A (OSTERGAARD MASKINFABRIK AS) 9 January 2002 (2002-01-09) cited in the application the whole document -----	1,2
A	US 5 246 204 A (OTTUNG KAI) 21 September 1993 (1993-09-21) cited in the application the whole document -----	1,6

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 January 2005

Date of mailing of the international search report

26/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL – 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lane1, F-B

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/DK2004/000743

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19957306	A	21-12-2000		DE 19957306 A1 AT 253699 T DE 50004339 D1 WO 0075541 A1 EP 1181471 A1		21-12-2000 15-11-2003 11-12-2003 14-12-2000 27-02-2002
US 6056003	A	02-05-2000		CA 2258738 A1 WO 9854493 A1 AU 3169097 A EP 0916046 A1 AT 226291 T AU 734092 B2 DE 59708510 D1 DK 916046 T3 ES 2183182 T3 JP 2000515618 T NZ 332927 A		03-12-1998 03-12-1998 30-12-1998 19-05-1999 15-11-2002 07-06-2001 21-11-2002 10-02-2003 16-03-2003 21-11-2000 28-07-2000
EP 1169590	A	09-01-2002		DK 44299 A AT 269951 T AU 3420200 A DE 60011758 D1 EP 1169590 A1 US 6648006 B1 WO 0060258 A1 DK 9900161 U3 DK 1169590 T3		01-10-2000 15-07-2004 23-10-2000 29-07-2004 09-01-2002 18-11-2003 12-10-2000 28-07-2000 16-08-2004
US 5246204	A	21-09-1993		WO 9012972 A1 AT 106513 T DE 68915785 D1 DE 68915785 T2 EP 0468957 A1		01-11-1990 15-06-1994 07-07-1994 05-01-1995 05-02-1992